


FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT 	MMB DOCKET NO. 1007-0567	APPLICATION NO. 10/667,020 <i>10/667,020</i>
	APPLICANT: Graff	
	FILING DATE: September 18, 2003	GROUP ART UNIT: <del>To be assigned</del> <i>2632</i>

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>TNP</i>	AA	5,359,273	October 25, 1994	Flückiger	<u>          </u>	<u>          </u>	
<i>TNP</i>	AB	5,689,168	November 18, 1997	Bogwicz et al.	<u>          </u>	<u>          </u>	
<i>TNP</i>	AC	5,870,035	February 9, 1999	Bjernulf	<u>          </u>	<u>          </u>	
	AD						
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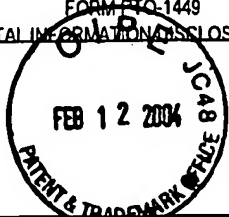
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>TNP</i>	AL	EP 0 394 177	October 24, 1990	Europe	<u>          </u>	<u>          </u>	Yes No
	AM	EP 0 396 915	November 14, 1990	Europe	<u>          </u>	<u>          </u>	Yes No
	AN	EP 0 898 003	February 24, 1999	Europe	<u>          </u>	<u>          </u>	Yes No
	AO	1 106 395	May 10, 1961	Germany	<u>          </u>	<u>          </u>	Yes No
<i>✓</i>	AP	1 690 321	May 13, 1971	Germany	<u>          </u>	<u>          </u>	Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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	AR	1	
	AS	1	

EXAMINER <i>Wayman</i>	DATE CONSIDERED <i>5/13/05</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	BA						
	BB						
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>TNP</i>	BL	DE 100 35 642	December 13, 2001	Germany	<u>          </u>	<u>          </u>	Yes No
<i>TNP</i>	BM	GB 2 343 996	May 24, 2000	Great Britain	<u>          </u>	<u>          </u>	Yes No
	BN						Yes No
	BO						Yes No
	BP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	BQ	2					
	BR	2					
	BS	2					
EXAMINER <i>Wanham</i>						DATE CONSIDERED <i>5/13/05</i>	
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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

**Complete if Known**

Application Number	To be assigned 10/667,020
Filing Date	Herewith
First Named Inventor	Timothy E. Graff
Art Unit	To be assigned 2632
Examiner Name	To be assigned T. pham
Attorney Docket Number	1007-0567

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
TJF		US- 4,023,887	05/17/1977	Speers	
		US- 4,634,845	01/06/1987	Hale et al.	
		US- 5,963,145	10/05/1999	Escobosa	
		US- 6,369,924	04/09/2002	Scharf et al.	
		US- 6,462,328	10/08/2002	Toyoda	
		US- 6,507,022	01/14/2003	Salmond et al.	
		US- 6,528,808	03/04/2003	Takiguchi	
		US- 6,530,784	03/11/2003	Yim et al.	
		US- 2002/0190956	12/19/2002	Klein et al.	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† <sup>4</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	<i>W. pham</i>	Date Considered	5/13/05
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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